

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-23. (Canceled).

24. (Currently Amended) A method for controlling the ~~transmission timing of data retransmissions in a wireless communication system~~ data transmissions in the uplink of a Universal Mobile Telecommunication System (UMTS), wherein a [[HARQ]] hybrid automatic repeat request (HARQ) protocol is used with synchronous retransmissions from a ~~transmitting entity~~ mobile station to a ~~receiving entity~~ base station via [[a]] an uplink data channel, and wherein the ~~receiving entity~~ base station performs the ~~method steps of:~~

receiving a data packet from the ~~transmitting entity~~ mobile station,

determining whether the data packet has been successfully decoded,

if it has been determined that the data packet has not been successfully decoded, transmitting a feedback message to the

~~transmitting entity~~ mobile station, wherein the feedback message indicates to the ~~transmitting entity~~ mobile station to transmit a retransmission data packet for said received data packet after a predetermined time span upon having received said feedback message, and

scheduling uplink data transmissions of a plurality of ~~transmitting entities comprising said transmitting entity, and~~ mobile stations, that include said mobile station, by transmitting a common control message to ~~[[a]]~~ the plurality of ~~transmitting entities~~ mobile stations comprising ~~said~~ ~~transmitting entity~~, wherein the common control message restricts the transmission format combination subset of each of the plurality of ~~transmitting entities~~ mobile stations to determine a maximum uplink resource common to the plurality of transmitting entities mobile stations.

25. (Currently Amended) The method according to claim 24, wherein the feedback messages, indicating the successful or the unsuccessful reception of a data packet, are transmitted via a control channel.

26. (Currently Amended) The method according to claim 25, wherein the information in said feedback messages ~~[[are]]~~ is sent simultaneously with scheduling related control information.

27. (Previously Presented) The method according to claim 26, wherein the feedback messages and scheduling related control signaling are sent on the same channelization code.

28. (Currently Amended) A base station ~~in a wireless communication system wherein a HARQ for controlling uplink data transmissions in the uplink of a universal mobile telecommunications system (UMTS) in which a hybrid automatic repeat request (HARQ) protocol is used with synchronous retransmissions from a transmitting entity~~ mobile station to a ~~receiving entity~~ base station via ~~[[a]]~~ an uplink data channel, the base station comprising:

a receiver operable to receive a data packet from the ~~transmitting entity~~ mobile station,

a determining unit operable to determine whether the data packet has been successfully decoded,

a transmitter operable to transmit a feedback message to the ~~transmitting entity~~ mobile station, if it has been determined

that the data packet has not been successfully decoded, wherein the feedback message indicates to the ~~transmitting entity~~ mobile station to transmit a retransmission data packet for said received data packet after a predetermined time span upon having received said feedback message, and

a scheduler operable to schedule data transmissions of a plurality of ~~transmitting entities comprising said transmitting entity,~~ wherein ~~said transmitter is operable to transmit~~ mobile stations, that include said mobile station, by causing transmission of a common control message to ~~[[a]] the plurality of transmitting entities comprising said transmitting entity~~ mobile stations, wherein the common control message restricts the transmission format combination subset of each of the plurality of ~~transmitting entities~~ mobile stations to determine a maximum uplink resource common to the plurality of ~~transmitting entities~~ mobile stations.

29. (Currently Amended) The base station according to claim 28, wherein the feedback messages, indicating the successful or the unsuccessful reception of a data packet, are transmitted via one control channel.

30. (Previously Presented) The base station according to claim 29, wherein the information in said feedback messages is combined with scheduling related control information and is jointly encoded.

31. (Previously Presented) The base station according to claim 30, wherein the feedback messages and scheduling related control signaling are sent on the same channelization code.

32. (Currently Amended) A method for controlling the ~~transmission timing of data retransmissions in a wireless communication system, wherein a HARQ uplink data transmissions in the uplink of a Universal Mobile Telecommunications System (UMTS) in which a hybrid automatic repeat request (HARQ) protocol is used with synchronous retransmissions from a transmitting entity mobile station to a receiving entity base station via a data channel, and wherein the transmitting entity mobile station performs the method steps of:~~

transmitting a data packet to the receiving entity base station via the uplink data channel,

receiving a feedback message from receiving entity the base station and a common control message,

retransmitting the data packet to the receiving entity base station after a predetermined time span upon having received said feedback message, and

restricting the transmission format combination subset of the mobile terminal to determine a maximum uplink resource according to the common control message.

33. (Currently Amended) The method according to claim 32, wherein the feedback messages, indicating the successful or the unsuccessful reception of a data packet, are transmitted via one control channel.

34. (Currently Amended) The method according to claim 33, wherein the information in said feedback messages is simultaneously received with scheduling related control information.

35. (Previously Presented) The method according to claim 34, wherein the feedback messages and scheduling related control signaling are received on the same channelization code.

36. (New) A mobile terminal for use in a wireless ~~communication system wherein a HARQ~~ Universal Mobile

Telecommunications System (UMTS) in which a hybrid automatic repeat request (HARQ) protocol is used with synchronous retransmissions from a transmitting entity mobile station to a receiving entity base station via [[a]] an uplink data channel, the mobile terminal comprising:

a transmitter operable to transmit a data packet to the receiving entity base station via the uplink data channel,

a receiver operable to receive a feedback message from the receiving entity base station and a common control message,

wherein the transmitter is operable to retransmit the data packet to the receiving entity base station after a predetermined time span upon having received said feedback message, and

a restricting unit operable to restrict the transmission format combination subset of the mobile terminal to determine a maximum resource according to the common control message.

37. (Currently Amended) The mobile terminal according to claim 36, wherein the feedback messages, indicating the successful or the unsuccessful reception of a data packet, are transmitted via one control channel.

38. (Currently Amended) The mobile terminal according to claim 37, wherein the information in said feedback messages

[[are]] is simultaneously received with scheduling related control information.

39. (Previously Presented) The mobile terminal according to claim 38, wherein the feedback messages and scheduling related control signaling are received on the same channelization code.

40. (New) A wireless communication system comprising a mobile station terminal according to claim 36 and a base station, wherein the communication system is a Universal Mobile Telecommunications System (UMTS) in which a hybrid automatic repeat request (HARQ) protocol with synchronous retransmission is used to retransmit data from the mobile terminal to the base station via a data channel, and the base station comprising comprises:

~~a receiver operable to receive a data packet from the transmitting entity, a determining unit operable to determine whether the data packet has been successfully decoded, a transmitter operable to transmit a feedback message to the transmitting entity, if it has been determined that the data packet has not been successfully decoded, wherein the feedback message indicates to the transmitting entity to transmit a retransmission data packet for said received data packet after a~~



~~predetermined time span upon having received said feedback message, a scheduler operable to schedule data transmissions of a plurality of transmitting entities comprising said transmitting entity, wherein said transmitter is operable to transmit a common control message to a plurality of transmitting entities comprising said transmitting entity, wherein the common control message restricts the transmission format combination subset of each of the plurality of transmitting entities to determine a maximum resource common to the plurality of transmitting entities, wherein the communication system is adapted to perform a HARQ protocol with synchronous retransmission to retransmit data from the mobile terminal to the base station via a data channel~~

a receiver operable to receive a data packet from the mobile station,

a determining unit operable to determine whether the data packet has been successfully decoded,

a transmitter operable to transmit a feedback message to the mobile station, if it has been determined that the data packet has not been successfully decoded, wherein the feedback message indicates to the mobile station to transmit a retransmission data packet for said received data packet after a predetermined time span upon having received said feedback message, and

a scheduler operable to schedule data transmissions of a plurality of mobile stations by causing transmission of a common control message to the plurality of mobile stations, wherein the common control message restricts the transmission format combination subset of each of the plurality of mobile stations to determine a maximum resource common to the plurality of mobile stations.